



P25 TAC Agenda Item #4

Washoe County Regional Communication System
& P25 Updates and Schedule



Project Update

- Detailed Design Review (DDR) delayed
 - set to finalize **July 2021**
- Grounding has been completed for a few sites.
 - Three sites are remaining and will be completed this summer by WCRCS.
- Microwave Installations **(Summer 2021–Summer 2023)**
 - Phase 1- (August- September 2021)
 - Edison, Spectrum, Ophir, Slide, Rose, Incline, Snowflake
 - Phase 2- (September- November 2021)
 - Sparks Dispatch, Peavine Peak , Virginia Peak, Cold Springs, Red Peak
 - Phase 3-(May 2022-June 2022)
 - Fox Mountain, Poito, Marble Bluff
 - Phase 4- (July 2022- June 2023)
 - Biltmore, Smokey Quartz, Red Rock, Yellow Peak, 49 Mountain



Project Update

- Solar Installation (Fall 2021-Fall 2022)
 - Fox Mountain (Fall 2021)
 - Yellow & Red Rock (Spring 2022 – Fall 2022)
- Greenfield Site builds
 - Northern Washoe site (June 2022-January 2023)
 - Red Rock(6/22-11/22) will provide radio coverage to Red Rock
 - Yellow(7/22-1/23) [Working with USFS/BLM](#) Will provide radio coverage to north of Gerlach, into Sheldon Nation Wildlife refuge
- Greater Reno-Sparks Green field Site (August 2021-October 2022)
 - Cold Springs(10/21-4/22) [NVE working power design, working on Special Use Permit](#) Will provide radio coverage along Hwy 395 North
 - Red Peak (8/21-3/22) [BLM meeting set for 21 June 2021](#)
 - Smokey Quartz (6/22-10/22) [NVE Working power design, Working with City of Sparks on Administrative review.](#) Will provide radio coverage for city of Sparks, where coverage was limited.





Project Update

• P25 Implementations

- Metro RF Sites (May 2022-August 2022)
 - Peavine (May 2022- October 2022)
 - Virginia Peak (May 2022- August 2022)
- Tahoe Basin RF Sites (June 2022-November 2022)
 - Biltmore (June 2022-October 2022)* Biltmore Casino is engaged in their own construction for Boulder Bay redevelopment project. Current contract with Incline Village General Improvement District (IVGID) allows for us to build a 170 Sq ft Building on the Watertank APN. Team is investigating all options.
 - Snowflake (June 2022-September 2022) Need grounding and conduit install this year.
 - Slide (June 2022-October 2022)
 - Mt Rose (August 2022- November 2022)
- Northern Washoe RF Sites (March 2022- December 2022)
 - Poito (August 2022- December 2022)
 - Fox (August 2022- December 2022)
 - Marble Bluff(March 2022- May 2022) Structural is 230% overloaded. Working on RFP and working with Pyramid Lake Paiute Tribe for permission to construct new tower.



Project Update

- Washoe County Dispatch January 2022-February 2023
 - Airport (October 2022)
 - Sparks PD (July-October 2022)
 - Washoe County Court Complex (October 2022)
 - Washoe County Detention (October 2022- November 2022)
 - WCRCS Radio Shop (November 2022- February 2023)
 - Washoe County School District (November 2022)
 - Washoe County Sheriffs Office (November- December 2022)
- IO Gateway (NDIP) December 2022- February 2023
- **Radio shop will move into Building 224 Edison Way next to WCRCS Winter 2021 to make room for Harris to assist in radio personalities and mobile and portable deployment.**
- Fleet Mapping October 2022- December 2022
- Personality development December 2022- January 2023
- Programming January 2023- March 2024
- Mobile Installation January 2023- March 2024
 - **Agencies will want to make sure they purchase any mobile radios prior to this date in order to have mobile radios installed by Harris on site.**
 - **New portable radios should also be purchased in this time frame to make sure radios have the P25 "touch-up" programming completed. YOU ARE PAYING for "Touch up" with every purchase.**



Project Update- **Training**

- Train-the-Trainer Program Training
 - System Admin Training August 2023
 - Radio Infrastructure Training August 2023- September 2023
 - Radio Subscriber Training September 2023
 - Console Configuration, O&M Training September 2023-October 2023
 - User Radio Equipment Training October 2023- November 2023
- On-line training Available now
 - (Please contact Melissa Lawney mlawney@washoecounty.us for Usernames and Passwords for online training)



Project Update

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|-----------------------|----------------------------|
| • Functional Testing | March 2023- September 2023 |
| • Coverage Testing | June 2023- January 2024 |
| • Region #2 Cut-Over | February 2024 |
| • Reliability Testing | February 2024- May 2024 |



Questions?

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